

one eighth inch = one foot  
one quarter inch = one foot  
three eighths inch = one foot  
one half inch = one foot  
three quarters inch = one foot  
one inch = one foot  
one and one half inches = one foot  
two inches = one foot  
three inches = one foot

ELECTRICAL SYMBOLS					
SYMBOL	DESCRIPTION	MOUNTING HEIGHT	SYMBOL	DESCRIPTION	MOUNTING HEIGHT
FIRE ALARM SYSTEM			MISCELLANEOUS		
	CARBON MONOXIDE DETECTOR			CARD READER	
	CCTV CAMERA			CEILING MOUNTED JUNCTION BOX	
	MONITOR MODULE			DOOR CONTACT	
	DUCT SMOKE DETECTOR, NOTE 6			DURESS BUTON	
	FIRE ALARM ANNUNCIATOR			ELECTRICAL LOCK	
	FIRE ALARM CONTROL PANEL			PROJECTOR	
	REMOTE VOICE PANEL			PUSH BUTTON	
	FIRE ALARM MAGNETIC HOLD OPEN			REQUEST TO EXIT	
	FIRE ALARM HORN	VERIFY		WALL MOUNTED JUNCTION BOX	
	FIRE ALARM MINI HORN	80" UNO	POWER		
	FIRE ALARM HORN STROBE	80" UNO		BUILDING WIRES IN CONDUIT, ALL PER CODE	
	FIRE ALARM MANUAL PULL STATION	48" UNO		COMBO CONTACTOR AND FUSED DISCONNECT SWITCH	
	FIRE ALARM SMOKE DETECTOR			COMBO TIME CLOCK AND FUSED DISCONNECT SWITCH	
	FIRE ALARM SMOKE DETECTOR, PROVIDE RELAY	80" UNO		CONTROL PANEL	
	FIRE ALARM STROBE			DISCONNECT SWITCH, FUSED UNO,	
	FLOW SWITCH			FUSED COMBO SWITCH/MAGNETIC STARTER	
	HEAT DETECTOR			FUSED DISCONNECT	
	KEY PAD			HAND DRYER	
	POWER SUPPLY			HOMERUN PER CODE	
	PUSH BUTTON			METER	
	SPEAKER			METER	
	TAMPER SWITCH			MOTOR	
LIGHTING				PANELBOARD	
	CEILING FAN			PUSH BUTTON CONTROL STATION	48" UNO
	COMBINATION EMERGENCY/EXIT LIGHTING UNIT			DUPLEX RECEPTACLE, 120V 20A NOTE 4	18" UNO
	EMERGENCY LIGHTING UNIT			DUPLEX RECEPTACLE, 120V 20A NOTE 4	18" UNO
	EXIT SIGN			QUADPLEX RECEPTACLE	18" UNO
	LUMINAIRE, CEILING MOUNTED			SIMPLEX RECEPTACLE	
	LUMINAIRE, DOWN LIGHT			SPECIAL OUTLET	
	LUMINAIRE			WALL SWITCH/SNAP SWITCH, NOTE 5	48" UNO
	LUMINAIRE			NOTE 1	
	LUMINAIRE			NOTE 2	
	LUMINAIRE			NOTE 3	
	LUMINAIRE			PILOT LIGHT	
	LUMINAIRE			SPEED CONTROL SWITCH	
	LUMINAIRE			0-15 MINUTE TIMER SWITCH	
	LUMINAIRE, NIGHT LIGHT OR WITH BATTERY PACK			SURFACE WIRE WAY (WIREMOLD)	
	LUMINAIRE, PENDANT		TELECOM		
	OCCUPANCY SENSOR COMPLETE SYSTEM			TELEPHONE OUTLET	
	PHOTO CELL			TELEPHONE/DATA COMBINATION OUTLET	18" UNO
	REMOTE HEAD			WALL MOUNTED TELEPHONE OUTLET	48" UNO
	TRACK LIGHTING			CATV OUTLET	18" UNO
	WALL WASH			DATA OUTLET - (X) = # OF CAT 6 CABLES	18" UNO
				FLOOR OUTLET	
ELECTRICAL SYMBOLS GENERAL NOTES: A. NOT ALL SYMBOLS ARE NECESSARILY USED ON THIS PROJECT.			NUMBERED NOTES: 1. FRACTIONAL HORSEPOWER MANUAL CONTROLLER, TOGGLE RED OR GREEN PILOT, WITH OVERLOADS. 2. MOTOR RATED SWITCH, MOTOR STARTING SWITCH, RED OR GREEN PILOT, NO OVERLOADS. 3. MANUAL MOTOR CONTROLLER WITH AUXILIARY CONTACT, PUSH BUTTON OR TOGGLE, TOGGLE RED PILOT LIGHT, WITH OVERLOADS. 4. RECEPTACLES: WHERE INDICATED OR WHERE REQUIRED BY CODE PROVIDE CERTAIN RECEPTACLES AS FOLLOWS: AC=ABOVE COUNTER (INCLUDES ABOVE COUNTER, ABOVE BACK-SPLASH, ABOVE DESK, ABOVE TABLE, ABOVE BENCH), COORDINATE. GFI=GROUND FAULT CIRCUIT INTERRUPTER. GA=GFI+AC. WP=PROVIDE WEATHER RESISTANT GFI RECEPTACLE, AND LOCKABLE WEATHERPROOF IN USE COVER. 5. SWITCHES: O.R. = OVER-RIDE. MOM. = MOMENTARY CONTACT SWITCH FOR CONTROL OF CONTACTOR. 6. PROVIDE POWER AS NECESSARY, PROVIDE RELAY AND TIE IN FOR FAN SHUTDOWN.		

DRAWING INDEX	
FA001	DRAWING INDEX AND SYMBOLS
FS100	FIRE ALARM SITE PLAN
FA100-1	BUILDING 1 FIRE ALARM PLAN - BASEMENT
FA101-1	BUILDING 1 FIRE ALARM PLAN - FIRST FLOOR
FA100-2	BUILDING 2 FIRE ALARM PLAN - BASEMENT
FA101-2	BUILDING 2 FIRE ALARM PLAN - FIRST FLOOR
FA100-3	BUILDING 3 FIRE ALARM PLAN - BASEMENT
FA101-3	BUILDING 3 FIRE ALARM PLAN - FIRST FLOOR
FA102-3	BUILDING 3 FIRE ALARM PLAN - SECOND FLOOR
FA100-4	BUILDING 4 FIRE ALARM PLAN - BASEMENT
FA101-4	BUILDING 4 FIRE ALARM PLAN - FIRST FLOOR
FA102-4	BUILDING 4 FIRE ALARM PLAN - SECOND FLOOR
FA100-5	BUILDING 5 FIRE ALARM PLAN - BASEMENT
FA101-7	BUILDING 7 FIRE ALARM PLAN - FIRST FLOOR
FA100-8	BUILDING 8 FIRE ALARM PLAN - BASEMENT
FA101-8	BUILDING 8 FIRE ALARM PLAN - FIRST FLOOR
FA100-9	BUILDING 9 FIRE ALARM PLAN - BASEMENT AND FIRST FLOOR
FA100-10	BUILDING 10 FIRE ALARM PLAN - BASEMENT
FA100-28	BUILDING 28 FIRE ALARM PLAN - BASEMENT
FA101-28	BUILDING 28 FIRE ALARM PLAN - FIRST FLOOR
FA100-29	BUILDING 29 FIRE ALARM PLAN - BASEMENT
FA101-29	BUILDING 29 FIRE ALARM PLAN - FIRST FLOOR
FA100-48	BUILDING 48 FIRE ALARM PLAN - BASEMENT
FA101-48	BUILDING 48 FIRE ALARM PLAN - FIRST FLOOR
FA100S-49	BUILDING 49 FIRE ALARM PLAN - SUB BASEMENT
FA100-49	BUILDING 49 FIRE ALARM PLAN - BASEMENT
FA101-49	BUILDING 49 FIRE ALARM PLAN - FIRST FLOOR
FA100-50	BUILDING 50 FIRE ALARM PLAN - BASEMENT
FA101-50	BUILDING 50 FIRE ALARM PLAN - FIRST FLOOR
FA100S-51	BUILDING 51 FIRE ALARM PLAN - SUB BASEMENT
FA100-51	BUILDING 51 FIRE ALARM PLAN - BASEMENT
FA101-51	BUILDING 51 FIRE ALARM PLAN - FIRST FLOOR
FA200	FIRE ALARM NETWORK RISER DIAGRAM

100% Construction Documents - For Construction

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DRAWING TITLE  
DRAWING INDEX  
AND SYMBOLS

APPROVED: PROJECT DIRECTOR

DATE:

PROJECT TITLE  
FIRE ALARM REPLACEMENT

DATE  
03.12.2013

AS NOTED  
H-HB  
CAB  
XXX

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